ABSTRACT

[0084]   Disclosed herein is a method and system for classifying an audio signal. The method may be accomplished by using a low pass filter to prevent transmission of audio components having a frequency greater than a predetermined frequency. The system may also be provided with a device for selecting a further reduced number of audio components for analysis. Analysis of the audio signal may be performed by a zero point counter for counting and recording zero point transitions encountered in analysis of the audio signal. The system may also include a comparator for comparing a result of analysis to a threshold value and classifying the audio signal based upon comparison of the result of analysis and the threshold value.